

Approved for use through 03/31/2007. OMB 0651-0021 U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

ATTORNEY'S DOCKET NUMBER 12810-00137-US

CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED PCT/EP2004/002436 10 March 2004 12 March 2003 TITLE OF INVENTION: METHOD FOR INCREASING RESISTANCE AGAINST STRESS FACTORS IN PLANTS APPLICANT(S) FOR DO/EO/US: Markus Frank et al. Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. The US has been elected (Article 31). 4. X A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) is attached hereto (required only if not communicated by the International Bureau). has been communicated by the International Bureau. is not required, as the application was filed in the United States Receiving Office (RO/US). An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). is attached hereto. has been previously submitted under 35 U.S.C. 154(d)(4). Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) are attached hereto (required only if not communicated by the International Bureau). have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. d. have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. x An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. A preliminary amendment. 14. x An Application Data Sheet under 37 CFR 1.76. 15. A substitute specification. 16. x A power of attorney and/or change of address letter. 17. x A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. 18. A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

## JC14 Rec'd PCT/PTO 0 8 SEP 2005

PTO-1390 (Rev. 07-2005)
Approved for use through 03/31/2007. OMB 0651-0021
U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| U.S. APPLICATION NO TECNO 4 8 37 FR 4 5  |                    |           | 8                          | INTERNATIONAL APPLICATION NO.<br>PCT/EP2004/002436 |  |   |                         | ATTORNEY'S DOCKET NUMBER<br>12810-00137-US |                    |    |             |
|--|--------------------|-----------|----------------------------|--|--|---|-------------------------|--|--------------------|----|-------------|
| 20. x Other items or information: Form PCT/ISA/210, Statement to support filing and submission In accordance with 37 CFR §§1.821 through 1.825, Postcard, Certificate of Express Mail  |                    |           |                            |  |  |   |                         |  |                    |    |             |
| The fell   | lowing fo          |           | hoon                       | ubmitto  |  |   |                         | <del></del>                                |                    |    |             |
| The following fees have been submitted  21. x Basic national fee (37 CFR 1.492(a))   |                    |           |                            |  |  |   |                         |  | LCULATION<br>300.1 | _  | PTO USEONLY |
| 21. x Basic national fee (37 CFR 1.492(a))   |                    |           |                            |  |  |   |                         |  |                    |    |             |
| 22. X Examination fee (37 CFR 1.492(c))  If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$0  All other situations \$200   |                    |           |                            |  |  |   |                         |  | 200.0              | 00 |             |
| 23. X Search fee (37 CFR 1.492(b))  If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)  |                    |           |                            |  |  |   |                         | \$   | 400.0              | 00 |             |
|  |                    | OF 21, 22 |                            |  |  |   | *****                   | \$   | 900.0              | 00 |             |
| Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)).  The fee is \$250 for each additional 50 sheets of paper or fraction thereof. |                    |           |                            |  |  |   |                         |  |                    |    |             |
| Total Sheets   | Extra Sh           | eets      |                            |  | additional 50 or fraction p to a whole number) |   | RATE                    |  |                    |    |             |
| 115 -100=  | 15 -100 = 15 /50 = |           |                            | 1  |  |   | x \$250.00              | \$   | 250.0              | 00 |             |
| Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).   |                    |           |                            |  |  |   | \$                      |  |                    |    |             |
| CLAIMS NUMBER  |                    | BER FILE  | ER FILED NUMBER EXTRA RATE |  |  |   |                         |  |                    |    |             |
|  |                    |           |                            |  |  | × | 50.00                   | 50.00                                      |                    |    |             |
| Independent claims 3 - 3 =   |                    |           |                            | ×  |  |   |                         |  | 0.0                | 00 |             |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) +  |                    |           |                            |  |  |   |                         | •  | 4.000.0            | _  |             |
| TOTAL OF ABOVE CALCULATIONS =  |                    |           |                            |  |  |   | \$                      | 1,200.0                                    | 0.                 |    |             |
| Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.  |                    |           |                            |  |  |   |                         |  |                    |    |             |
| SUBTOTAL =   |                    |           |                            |  |  |   | \$                      | 1,200.0                                    | 00                 |    |             |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).  |                    |           |                            |  |  |   | \$                      |  |                    |    |             |
| TOTAL NATIONAL FEE =   |                    |           |                            |  |  |   |                         | \$ 1,200.00                                |                    |    |             |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property \$  |                    |           |                            |  |  |   |                         |  |                    |    |             |
| TOTAL FEES ENCLOSED =  |                    |           |                            |  |  |   |                         | \$   | \$ 1,200.00        |    | ,200.00     |
|  |                    |           |                            |  |  |   |                         |  | unt to be<br>nded: | \$ |             |
|  |                    |           |                            |  |  |   | Amount to be charged \$ |  |                    |    |             |
|  |                    |           |                            |  |  |   |                         |  |                    |    | į           |

**10/5 48/48 JC14 Rec'd PCT/PTO** 0 8 SEP 2005

PTO-1390 (Rev. 07-2005)

Approved for use through 03/31/2007. OMB 0651-0021

U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE ersons are required to respond to a collection of information unless it displays a valid OMB control number

| Unider the Paperwork Reduction Act of 1995, no persons are required to respond to a colle   | contormicimation difficas it displays a valid Civib control number. |  |  |  |  |  |  |
|---|---|--|--|--|--|--|--|
| a. A check in the amount of \$ to cover the above   | e fees is enclosed.   |  |  |  |  |  |  |
| b. x Please charge my Deposit Account No. 03-2775 in the amount   |   |  |  |  |  |  |  |
| A duplicate copy of this sheet is enclosed.   |   |  |  |  |  |  |  |
| C. X The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 03-2775 . A duplicate copy of this sheet is enclosed.                      |   |  |  |  |  |  |  |
| d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card Information should not be included on this form. Provide credit card information and authorization on PTO-2038 |   |  |  |  |  |  |  |
| NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a pet ition to revive (37 CFR 1.137(a) or (b)) must be filed an granted to restore the International Application to pending status.              |   |  |  |  |  |  |  |
|   |   |  |  |  |  |  |  |
| SEND ALL CORRESPONDENCE TO:   | SIGNATURE (   |  |  |  |  |  |  |
|   | Hui-Ju Wu   |  |  |  |  |  |  |
| CUSTOMER NUMBER: 23416  |   |  |  |  |  |  |  |
|   | 57,209 REGISTRATION NUMBER  |  |  |  |  |  |  |
|   |   |  |  |  |  |  |  |
|   |   |  |  |  |  |  |  |
|   |   |  |  |  |  |  |  |
|   |   |  |  |  |  |  |  |
|   |   |  |  |  |  |  |  |
|   |   |  |  |  |  |  |  |
|   |   |  |  |  |  |  |  |
|   |   |  |  |  |  |  |  |
|   |   |  |  |  |  |  |  |
|   |   |  |  |  |  |  |  |
|   |   |  |  |  |  |  |  |
|   |   |  |  |  |  |  |  |
|   |   |  |  |  |  |  |  |
|   |   |  |  |  |  |  |  |
|   |   |  |  |  |  |  |  |
|   |   |  |  |  |  |  |  |
|   |   |  |  |  |  |  |  |
|   |   |  |  |  |  |  |  |

JC14 Rec' CT/PTO 0 8 SEP 2005

PTO/SB/17 (12-04v2)
Approved for use through 7/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no person are required to respond to a collection of information unless it displays a valid OMB control number Complete if Knowi Effective on 12/08/2004. **Application Number** Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). Not Yet Assign TRANSMITTAL Concurrently Herewith Filing Date First Named Inventor Markus Frank For FY 2005 **Examiner Name** Not Yet Assigned Applicant claims small entity status. See 37 CFR 1.27 N/A Art Unit 12810-00137-US TOTAL AMOUNT OF PAYMENT 1,200.00 (\$) Attorney Docket No. METHOD OF PAYMENT (check all that apply) Check Credit Card Money Order None Other (please identify): x Deposit Account Deposit Account Number: 03-2775 Deposit Account Name: Connolly Bove Lodge & Hutz LLP For the above-identified deposit account, the Director is hereby authorized to: (check all that apply) Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee Charge any additional fee(s) or underpayment of x | Credit any overpayments fee(s) under 37 CFR 1.16 and 1.17 **FEE CALCULATION** 1. BASIC FILING, SEARCH, AND EXAMINATION FEES **FILING FEES SEARCH FEES EXAMINATION FEES** Small Entity **Small Entity Small Entity Application Type** Fee (\$) Fee (\$) Fees Paid (\$) Fee (\$) Fee (\$) Fee (\$) Fee (\$) Utility 300 150 500 250 200 100 900.00 Design 200 100 100 50 130 65 Plant 200 100 300 150 160 80 Reissue 300 150 500 250 600 300 Provisional 200 100 0 0 0 0 2. EXCESS CLAIM FEES **Small Entity** Fee (\$) Fee (\$) Fee Description Each claim over 20 (including Reissues) 25 50 Each independent claim over 3 (including Reissues) 200 100 Multiple dependent claims 180 360 **Total Claims** Extra Claims Fee (\$) Fee Paid (\$) **Multiple Dependent Claims** 50.00 50.00 Fee (\$) 1 Fee Paid (\$) Fee Paid (\$) Indep. Claims Extra Claims Fee (\$) 3 - 3 = 3. APPLICATION SIZE FEE If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50

| <u>Total Sheets</u> <u>Extra Sheets</u><br><u>115</u> - 100 = 15    | /50 (round up to a whole number) x              | Fee (\$)         Fee Paid (\$)           250.00         =         250.00 |  |  |  |  |  |  |  |  |
|---|---|--|--|--|--|--|--|--|--|--|
| 4. OTHER FEE(S)   |   | Fees Paid (\$)   |  |  |  |  |  |  |  |  |
| Non-English Specification, \$130 fee (no small entity discount)     |   |  |  |  |  |  |  |  |  |  |
| Other (e.g., late filing surcharge):                                | 1631 Basic National Stage fee                   | 300.00   |  |  |  |  |  |  |  |  |
| ( <u>6</u> , <b>---</b> | 1633 National Stage Examination Fee - all other | 200.00   |  |  |  |  |  |  |  |  |
|   | 400.00  |  |  |  |  |  |  |  |  |  |
|   | enty) 50.00                                     |  |  |  |  |  |  |  |  |  |
|   | ch 250.00                                       |  |  |  |  |  |  |  |  |  |
| SUBMITTED BY  |   |  |  |  |  |  |  |  |  |  |
| Signature Www.  | Registration No. (Attorney/Agent) 57,209        | Telephone (302) 658-9141   |  |  |  |  |  |  |  |  |
| Name (Print/Type) Hui-Ju W  | •   | Date Sept. 8,2005  |  |  |  |  |  |  |  |  |
| 445004  |   |  |  |  |  |  |  |  |  |  |

sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Application No. (if known): Not Yet Assigned

Attorney Docket No.: 12810-00137-US

## **Certificate of Express Mailing Under 37 CFR 1.10**

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EV622758522US in an envelope addressed to:

MS PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

on Soptember 8, 2005

Judith T. Fetterman

Typed or printed name of person signing Certificate

Signature

Registration Number, if applicable

(302) 658-9141

Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Transmittal Letter to the United States Designated-Elected Office

Fee Transmittal
Application Data Sheet

Copy of the International application

Form PCT/ISA/210

English language translation of the International application Executed Combined Declaration and Power of Attorney

**Preliminary Amendment** 

Information Disclosure Statement, SB08, with references Computer readable Sequence Listing (Disk and Paper)

Statement to support filing and submission In accordance with 37 CFR

§§1.821 through 1.825

Postcard

Authorization to charge \$1,200.00 to deposit account 03-2775